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Mould for resin having good releasability - comprising fluoro-resin layer coated on moulding surface having opposite surface layer modified by UV radiation.

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 9193164	A	19970729	JP 969793	A	19960124	199740 B
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Priority Applications (No Type Date): JP 969793 A 19960124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 9193164	A	4	B29C-033/38		
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Abstract (Basic): JP 9193164 A

A mould for resin moulding comprises a fluoro-resin layer coated on the moulding surface (1a) facing a space (3) to be filled by a resin formed by a mould frame. The opposite face to a fluoro-resin article (6) along the moulding surface (1a) is a modified surface (6a) modified by UV ray radiation in the presence of a UV absorber and the modified surface is adhered to the moulding surface (1a) through an adhesive to form the fluoro-resin layer (A).

ADVANTAGE - The mould has high releasability of a moulded resin and high heat insulating property owing to the fluoro-resin surface interposed between the mould and the moulded resin. A moulded article without weld lines and flow marks etc. can be injection moulded for a long time using the mould.

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Derwent Class: A14; A26; A32

International Patent Class (Main): B29C-033/38

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